

CRUTURB SERIES

HIGH QUALITY INDUSTRIAL STEAM & GAS TURBINE OILS

Product Definition

They are high performance turbine oils which are formulated with paraffinic base oils and special additives. They are developed for steam and water turbines where long service life is needed.

They provide excellent rust and corrosion protection and also they are resistant to salt water. They provide protection against wear.

They have excellent chemical and thermal stability, fast water-separating properties, and high resistance against emulsion formation.

Application/Usage

- They have excellent chemical and thermal stability, fast water-separating properties, and high resistance against emulsion formation.
- They are recommended to use in parallel shaft gear and bearings, besides plain bearings and bearings for uninterrupted service.
- They are used in hydraulic pumps which work under normal conditions, compressors which work with air and noble gases and vacuum pumps.

Specifications/Approvals

- DIN 51515-1: L-TD, 51515-1: L-TG, 51515-1: HL .

Product Package

208 Lt - 20Lt .

Storage

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

| TECHNICAL PROPERTIES | UNIT | TEST VALUES | | | TEST METHOD |
|-------------------------|---------------------------------|-------------|-------|-------|--------------|
| ISO Grade | | 32 | 46 | 68 | DIN 51 511 |
| Density 15°C | | 0.860 | 0.880 | 0.885 | ASTM D-1298 |
| Viscosity 40°C | mm ² /s | 32 | 46 | 68 | ASTM D-445 |
| Viscosity 100°C | mm ² /s | 5.35 | 6.74 | 8.69 | ASTM D-445 |
| Viscosity Index | | 95 | 95 | 95 | ASTM D-2270 |
| Flash Point | °C | 200 | 220 | 230 | ASTM D-92 |
| Pour Point | °C | -30 | -30 | -30 | ASTM D-97 |
| Total Acid Number | mgKOH/g | 0.10 | 0.10 | 0.10 | ASTM D-2896B |
| Copper Corrosion | 3H,100 °C | 1a | | | ASTM D-130 |
| Foam Tendency/Stability | (2.kd, 93,5 ⁰ C, mL) | 65/0 | | | ASTM D-892 |
| Corrosion Test | | Pass | | | ASTM D-665 B |
| Water Separability | | 40/37/3 | | | ASTM D-1401 |
| Air Release (min) | min | 5 | | | ASTM D-3427 |



PRODUCT DATA SHEET



give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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